Installation and Operating Instructions

Zip Chilltap®

Undersink chiller

Affix Model Number Label Here
82127

Model: CH103 Undersink chiller

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Safety Information

Please read all installation requirements, installation procedures and precautions before installing any Zip Chilltap.

Never attempt to install any Zip Chilltap without reading all of the applicable instructions.

Installation, commissioning and maintenance of this appliance must only be carried out by a competent installer who will then be responsible for adhering to all relevant standards and regulations.

Appliance to be wired to a double pole switched fused spur with a minimum breaking capacity of 13 amps.

Installation must comply with current IEE regulations and any Local Authority requirements.

⏚This appliance must be earthed.

Check that the power supply is switched off prior to electrical connection.

The appliance, its wiring and piping must not be modified in any way.

In case of malfunction isolate the power supply immediately. In case of leaks also isolate the water supply. Repairs must only be carried out by Zip Heaters (UK) Ltd or an authorised Zip service engineer.

If the power supply cable is damaged it must be replaced by a Zip Service Engineer or a qualified electrician.

The cross sectional area of the power supply cable must be appropriate for the power rating and location of the appliance. The connection point is behind the front cover.

The power supply cable must be adequately secured.

Check that the power supply is switched off prior to electrical connection.

Do not remove the appliance cover under any circumstances without first isolating the appliance from the power supply.

Safety Information Continued

This appliance must not be used by any person (including children) with limited physical, sensorial or mental abilities or failing experience and / or knowledge unless they are supervised by a person responsible for their safety or received instructions about how to use the appliance.

Children should be supervised in order to make sure that they do not play with the appliance.

The appliance must only be used when correctly installed and in perfect working order.

This product is approved to the LVD and EMC directives and CE endorsed.

This product has been examined, tested and found when correctly fitted to comply with the requirements of the United Kingdom Water Regulations / Byelaws (Scotland).
The products are listed under the WRAS (Water Regulations Advisory Scheme) Water Fittings and Materials Directory.

Zip Heaters (UK) Ltd cannot be held liable for any damages caused by failure to observe these instructions.

Please leave these instructions with the end user after installation.

Technical Data

Under sink filtered water chiller with sink mounted lever action tap.

Delivers 140 glasses per hour of chilled filtered water within the operating range of 5 ºC to 10 ºC.

Dimensions (mm): H:385, W:355, D:290

15mm push-fit water connection.

Maximum water pressure: 0.7 MPa (7 bar).

Power Supply: 1/N/PE 240 V ~

Power Rating: 300 W .

Rated Current: 1.5 A

Chiller type: Fan cooled condenser with a compressor rated at 200 W.

Storage capacity: 1.8 Litres.

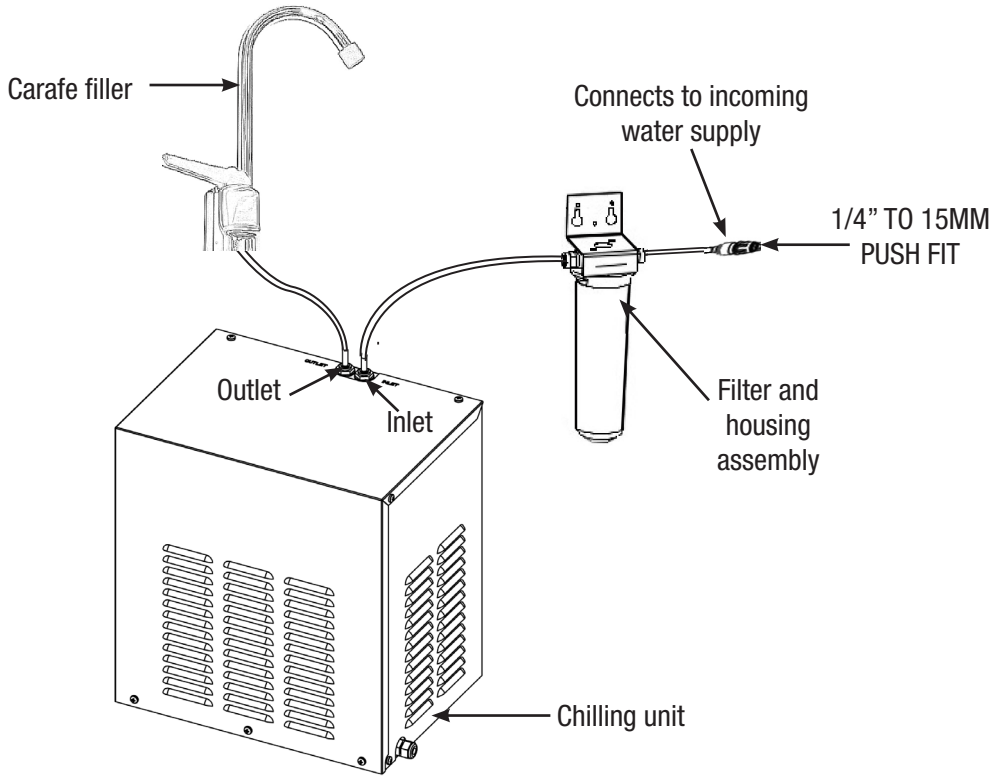
Refrigerant type: Non-toxic R134A.

Carafe filler: Chrome plated brass lever action tap with swivel head.

Filtration type: Submicron filtration.

Weight:

Empty:	25 kg
Full:	26.8 kg



Parts List

Part No.	Description
SP81108	Carafe Filler
SP80168	Handle (carafe filler)
SP7036	Thermostat (Not Shown)
SP87674	Filtration Kit
ZT002	Sub Micron Filter

Optional Accessories	
Part No.	**Description**
HE45004**	Water Block (Water Shut Down System)
AQ3	Pressure Reducer set at 0.35 MPa (3.5 bar)

HE45004

** The recommended optional Water Block is ideal for limiting potential leakage and resulting water damage from water chillers and their supply pipe work which are subject to mains water pressure. It is easily installed via standard 3/4" BSP water connection and can be pre-set from 5 to 50 litres. The Water Block also incorporates a non-return valve.

Installing the Chiller

Site the chiller unit into the cupboard as close to the proposed outlet tap position as is possible to minimise the length of tubing exposed between the chiller unit and the outlet tap.

Allow at least 50mm around the chiller unit to permit free airflow. Both the top and the front of the chiller must remain accessible for servicing purposes.

Installing the Tap

Install the carafe filler at the back of the sink where there is a 45 mm wide flat area within the draining area of the sink.

Make sure the selected position allows the carafe filler spout to overhang the sink bowl.
Use a 25 mm sheet metal punch to create a neat hole without burrs.

Remove the nut and washer from the base of the carafe filler, leaving the rubber-sealing ring in place.

Fit the carafe filler and seal to the sink, oriented so that the operating lever is away from the sink bowl.

Slide the washer and nut over the tube from under the sink, and tighten the nut to secure the carafe filler firmly into place.

Connecting

Install the filter following the separate filter kit installation instructions.

NOTE: You must separately supply and install an isolating valve in the supply line before the connection to the product.

If the pressure exceeds 0.7 MPa (7 bar), a pressure reducer will be required. AQ3 is available as an option (see options table page 4).

From the outlet of the filter housing connect the tube to the JG fitting marked INLET on the top right rear of the chiller unit, trim to length before fitting.
Make sure all connections to John Guest fittings are pushed in past the O-ring to full depth, at least 15-16mm (see diagrams on left).

Now measure and cut the tube from the Carafe filler, slide on the insulation provided and connect to the JG fitting marked OUTLET on the top left rear of the chiller.

Tap connection is now complete.

Precautions

The plumbing installation must be done in accordance with local Water Authority regulations and these Installation Instructions.

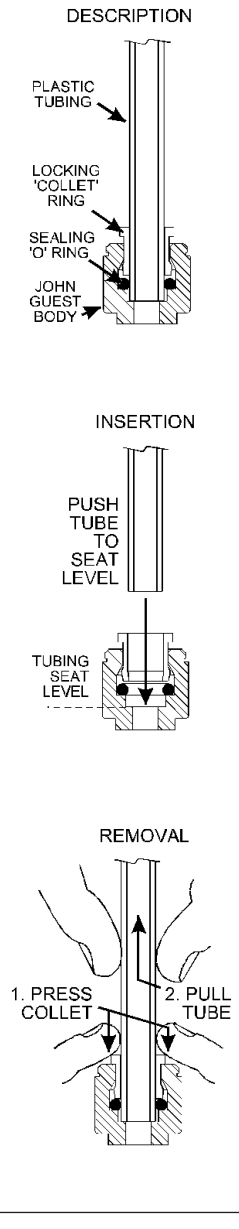
As the installer, it is your responsibility to supply (if necessary) and install all valves as required by local regulations and relevant standards.

The chiller and filtration systems are indoor units and must not be exposed to the elements.

Take care, when bending rigid plastic tubing, to prevent it from kinking or crushing around a bend. As it is plastic tubing containing water under mains pressure, be careful not to nick, scratch or damage it during installation.

Cut the tube squarely with a sharp knife or tube cutter. Shake out and remove any swarf and debris.

John Guest Fittings



Installation Instructions continued

Ensure there is adequate ventilation available through the cupboard. If there is inadequate ventilation, and the cupboard temperature rises to above 40°C, the chiller may become damaged and malfunction which will void the product warranty.

There must be a minimum 168 cm^2 of cupboard cross-flow ventilation. Suitable holes or vents will need to be cut into the cupboard and door.

For safe operation, thoroughly flush the water through after non-use periods longer than 12 hours.

Filter cartridges should be replaced at least every 6-12 months, or sooner if you notice:

A. a persistent reduction in water pressure from the product, or;

B. an unpleasant taste or odour in the water.

Not changing the cartridges when required may cause the water to become biologically unsafe.

Electrical

Electrical connection is to be made by a Zip Service Engineer or a qualified electrician.

Appliance to be wired to a double pole switched fused spur with a minimum breaking capacity of 13 amps.

The supply flex must be securely fixed to the clamp provided within the unit. The connection point is behind the front cover.
Installation must comply with current IEE regulations and any Local Authority requirements.

⏚ **This appliance must be earthed.**

DO NOT turn the electric supply 'ON' until the unit is purged (see commissioning below).

Commissioning

Commissioning

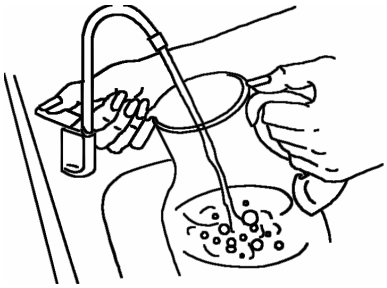
Clip the tubing in the cupboard. After the appliance is installed and connected, turn "ON" the water supply. Check all connections for leaks. Repair any found.

The filters, chiller and tubing are full of air until purged. Press the operating lever on the appliance outlet tap for a minimum of five minutes until all of the air has been purged from the system.

Wipe clean and dry the area.

Dispose of packaging wisely.

Operating Procedures



Operation

Chilled water is obtained by pressing the lever on the carafe filler. The water is chilled by a refrigeration unit fitted within the cabinet, under the basin.

With the carafe filler, you can obtain chilled water within the rated capacity for as long as you press down the lever or for longer periods by lifting the lever up until it clicks and stays open. Flip it back down to stop the water flow.

Maintenance

Filter Replacement

The Zip Chill Tap Under Counter Chiller has a separate filtration system connected to the incoming water supply line.

For safe operation, the filter cartridge should be replaced every 6-12 months, or earlier if you notice a persistent reduction in water pressure from the appliance or an unpleasant taste or odour in the water.

WARNING

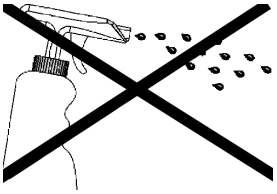
Not changing filtration cartridges when required, may cause the water to become biologically unsafe. Make an entry in your diary to check the water quality of the Chill Tap at least six months after installation and after every subsequent filter change.

Use only a Zip ZT002 Filter to match that used with this Chill Tap. Replacement filter cartridges can be obtained through plumbing suppliers or directly from Zip.

Replacement instructions come with the filter cartridges.

Before attempting to disconnect or remove the filter cartridge from the housing, isolate (turn off) the water supply prior to the filter system, and then relieve the system pressure by operating the chilled water outlet tap until the water ceases to flow.

Cleaning

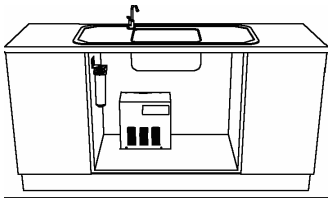


Cleaning

Never use strong, corrosive or abrasive cleaning materials on the Zip Chill Tap. Wipe clean the outer surfaces with a sponge or a soft cloth using a mild soap and water.

The louvres on the sides of the chiller unit need to be kept free of dust and lint to permit free flow of air through the vents. They should be checked regularly, at least monthly, and dusted or vacuumed.

Service



Service

There are no user serviceable parts but there are dangerous voltages present within the unit. All service work must only be carried out by a suitably qualified and experienced service person.

Before calling for service, check that both the water and electricity supplies are turned ‘ON’ and OK.

Call an electrician, a plumber, or Zip for assistance, service, spare parts, or enquiries.

Zip customer service 0845 602 4533.

Warranty Information

Certain warranties may be implied by law into your contract with Zip. The warranty provided below is additional to these implied warranties and nothing set out below shall limit your statutory rights or rights at law.

Zip Heaters UK Pty Ltd warrants that, should any part fail within 12 calendar months of installation, that part will be repaired or replaced free of charge by Zip or its Distributor or Service Provider, except as set out below, provided the appliance is installed and used strictly in accordance with the instructions supplied, and that failure is not due to accident, misuse, abuse, unsuitable water conditions, or to any alteration, modification or repair by any party not expressly nominated by Zip.

No costs are payable by the customer other than any mileage or travelling-time charges incurred by a Zip Service Provider or the cost of removal, cartage and re-installation of any component of the appliance if it needs to be returned for repair to Zip or its Distributor.

This warranty does not cover damage resulting from non-operation of the appliance, the use of non-authorised parts or consequential damage to any other goods, furnishings or property.

No warranty applies to the life of any filtration cartridge installed with the appliance as cartridge life may vary according to water quality and the rate of water consumption.

Zip does not exclude, restrict or modify any liability that cannot be excluded, restricted or modified or which cannot, except to a limited extent, be excluded, restricted or modified as between the owner or user and Zip under the laws applicable.

Furthermore, this warranty does not displace any statutory warranty, but, to the extent to which Zip is entitled to do so, the liability of Zip under any statutory warranty will be limited at Zip's option to the replacement of the appliance or supply of equivalent appliance, the payment of the cost of replacing the appliance or acquiring an equivalent appliance, or the payment of the cost of having the appliance repaired or the repair of the appliance.

Registering Your Purchase

Registering your Zip installation on the Zip website may help to establish date of installation should it become necessary to service the appliance under terms of the Zip warranty. To register your installation go to www.zipheaters.co.uk and look under the heading "Warranty".

In order to help preserve our environment we ask that you dispose of this product correctly. Please contact your local council for collection centre details.

End of Life Disposal

The use of this crossed out wheeled bin logo indicates that this product needs to be disposed of separately to any other household waste.

Within each of the European Union member countries, provisions have been made for the collection and recycling of unwanted electrical and electronic equipment.

In order to preserve our environment we ask that you dispose of this product correctly.
Please contact Zip Customer Service for advice on 0845 602 4533.

Notes

Contact Details

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Norfolk,
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CE

WRAS APPROVED PRODUCT

Registering Your Purchase

Registering your Zip installation on the Zip website may help to establish date of installation should it become necessary to service the appliance under terms of the Zip warranty.